Amendments to the Claims:

1. (Currently Amended) An adhesive composition comprising the following components:

(A) an organopolysiloxane having two alkenyl groups per molecule and a molecular weight of 1,000 or more, wherein said alkenyl groups contain 1 to 4 carbon atoms, and wherein said alkenyl groups are directly bonded to silicon atoms;

(B) an organohydrogenpolysiloxane having at least two Si-H bonds per molecule and a molecular weight of 1,000 or more;

(C) a platinum-based catalyst; and

(D) ~~at least one selected from the group consisting of~~ an organocyclic silicon compound ~~(D-1)~~ having at least three alkenyl groups and 3 to 8 silicon atoms per molecule and a molecular weight of less than 1,000, wherein said alkenyl groups contain 1 to 4 carbon atoms, and wherein said alkenyl groups are directly bonded to silicon atoms~~; and an organic cyclic silicon compound (D-2) having at least three Si-H bonds per molecule and a molecular weight of less than 1,200~~, wherein the number of hydrogen atoms contained in the component (B) is 0.4 to 6.0 times the total number of alkenyl groups contained in the component (A) and alkenyl groups contained in the component (D), the component (C) is contained in an amount of 10 to 1,000 ppm based on the total weight of the components (A), (B) and (D), and the component (D) is contained in an amount of 0.1 to 40 wt% based on the total weight of the components (A) and (B).

2. (Cancelled)

3. (Previously Amended) The adhesive composition of claim 1, wherein the component (D) is an oligomer having 3 to 8 silicon atoms.

4. (Currently Amended) The adhesive composition of claim 1, wherein the component ~~(D-1)~~ ~~when present~~ is selected from the group consisting of

pentavinylpentamethylcyclopentasiloxane,

1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasilazane,

1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasiloxane,
1,3,5-trivinyl-1,3,5-trimethylcyclotrisilazane and
1,3,5-trivinyl-1,3,5-trimethylcyclotrisiloxane.

5. (Cancelled)

6. (Currently Amended) The adhesive composition of claim 1, wherein the component (D~~-1~~) ~~when present~~ is 1,3,5-trivinyl-1,3,5-trimethylcyclotrisiloxane or 1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasiloxane ~~and the component (D-2) when present is 1,3,5,7-tetraethylcyclotetrasiloxane or 1,3,5,7-tetramethylcyclotetrasiloxane~~.

7. (Original) The adhesive composition of claim 1, wherein the component (A) has a viscosity of 100 to 250,000 cS at 25°C.

8. (Previously Amended) An optical device, comprising two or more optical parts bonded with the adhesive composition of claim 1.

9. (Original) The optical device of claim 8, wherein the optical parts are optical fibers, lenses, filters, optical waveguides, diffraction gratings or optically active elements.

10. (Previously Amended) The optical device of claim 8, wherein the optical parts are made from glass, plastics, metals or organic-inorganic composite materials.

11. (Previously Amended) An optical device constructed by bonding at least two optically transparent optical parts with an optically transparent adhesive layer formed by curing the adhesive composition of claim 1, wherein the value of refractive index of the adhesive layer is adjusted to approximate the values of refractive index of the at least two optically transparent optical parts.

12. (Previously Amended) The optical device of claim 11, wherein when the refractive indices of the two adjacent optical parts are represented by n_1 and n_2 ($n_1 \geqq n_2$), the adhesive layer between the adjacent optical parts has a refractive index n_3 represented by the following expression:

$$\sqrt{(n_1 \cdot n_2)} - ((\sqrt{(n_1 \cdot n_2)} - n_2)/3) - 0.05 \leqq n_3 \leqq \sqrt{(n_1 \cdot n_2)} + ((n_1 - \sqrt{(n_1 \cdot n_2)})/3) + 0.05.$$

13. (Previously Amended) The optical device of claim 11, wherein when the refractive indices of the two adjacent optical parts are represented by n_1 and n_2 ($n_1 \geqq n_2$), the adhesive layer between the adjacent optical parts has a refractive index n_3 represented by the following expression:

$$\sqrt{(n_1 \cdot n_2)} - ((\sqrt{(n_1 \cdot n_2)} - n_2)/4) - 0.03 \leqq n_3 \leqq \sqrt{(n_1 \cdot n_2)} + ((n_1 - \sqrt{(n_1 \cdot n_2)})/4) + 0.03.$$